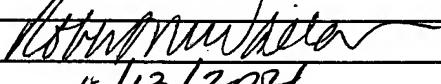


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<b>TRANSMITTAL FORM</b> <small>OCT 18 2004 (to be used for all correspondence after initial filing)</small>		Application Number	10/646,532	
		Filing Date	August 22, 2003	
		First Named Inventor	Kenneth COLLINS, et al.	
		Art Unit	1763	
		Examiner Name	Unknown	
Total Number of Pages in This Submission		6	Attorney Docket Number	006915 P03

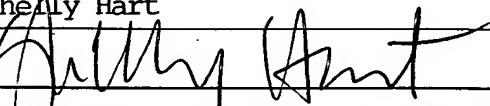
ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below): _____
Remarks		

#### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Robert M. Wallace	Reg. No. 29,119
Signature		
Date	10/13/2004	

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10/13/04 Shelly Hunt  
Date Name



PATENT

**Attorney Docket No.: 006915 P03**  
RW Ref. No.: APM/001-02-CP1-3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Kenneth COLLINS, et al.

Serial No.: 10/646,532

Examiner: Unknown

Filed: August 22, 2003

Group Art Unit: 1763

For: PLASMA IMMERSION ION IMPLANTATION APPARATUS INCLUDING  
A CAPACITIVELY COUPLED PLASMA SOURCE HAVING LOW  
DISSOCIATION AND LOW MINIMUM PLASMA VOLTAGE

PRELIMINARY AMENDMENT TRANSMITTAL

Mail Stop Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

SIR:

Transmitted herewith is a Preliminary Amendment in the above-identified application. The fee has been calculated as shown below.

	Claims remain- ing after amendment	Highest number previously paid for	Present extra	Rate	Additional Fee
Total Claims	58 minus	58 =	0	x \$18	\$000.00
Independent	1 minus	3 =	0	x \$88	\$000.00
If Multiple Dependent Claims Are Present, Add \$300.00					
(If applicant is a "small entity," subtract half of total)					\$000.00

Total additional fee  
for this amendment \$000.00

No additional fee is required.

A check in the amount of \$ is attached.

The Commissioner is hereby authorized to charge any additional fees or deficiencies or credit overpayment to Deposit Account No. 50-0338.

Respectfully submitted,



Robert M. Wallace  
Reg. No. 29,119  
**Customer No. 000044843**  
Attorney for Applicants

Robert M. Wallace  
Patent Attorney  
2112 Eastman Avenue, Suite 102  
Ventura, CA 93003  
(805) 644-4035

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on October 13, 2004 (Date of Deposit)  
10-13-04 Sherry HZ  
Date Sherry HZ



PATENT

**Attorney Docket No. 006915 P03**  
RW Ref. No.: APM/001-02-CP1-3

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of :  
Kenneth COLLINS, et al. :  
Entitled: PLASMA IMMERSION ION : Group Art Unit: 1763  
IMPLANTATION APPARATUS INCLUDING A :  
CAPACITIVELY COUPLED PLASMA SOURCE :  
HAVING LOW DISSOCIATION AND LOW :  
MINIMUM PLASMA VOLTAGE : Examiner: Unknown  
Serial No.: 10/646,532 :  
Filing Date: August 22, 2003 :  
:

**PRELIMINARY AMENDMENT**

Mail Stop Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Prior to taking action in this case, please amend the above-identified application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Remarks** begin on page 3 of this paper.